

# Index of Claims



Application/Control No.

10/633,697

Examiner

David Guzo

Applicant(s)/Patent under  
Reexamination

UMANA ET AL.

Art Unit

1636

|   |          |
|---|----------|
| ✓ | Rejected |
| = | Allowed  |

|   |                                |
|---|--------------------------------|
| — | (Through numeral)<br>Cancelled |
| ÷ | Restricted                     |

|   |              |
|---|--------------|
| N | Non-Elected  |
| I | Interference |

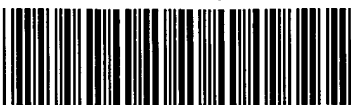
|   |          |
|---|----------|
| A | Appeal   |
| O | Objected |

| Claim |          | Date |  |  |  |  |  |  |  |  |  |
|-------|----------|------|--|--|--|--|--|--|--|--|--|
| Final | Original | 3/08 |  |  |  |  |  |  |  |  |  |
| 1     |          |      |  |  |  |  |  |  |  |  |  |
| 2     |          |      |  |  |  |  |  |  |  |  |  |
| 3     |          |      |  |  |  |  |  |  |  |  |  |
| 4     |          |      |  |  |  |  |  |  |  |  |  |
| 5     |          |      |  |  |  |  |  |  |  |  |  |
| 6     |          |      |  |  |  |  |  |  |  |  |  |
| 7     |          |      |  |  |  |  |  |  |  |  |  |
| 8     |          |      |  |  |  |  |  |  |  |  |  |
| 9     |          |      |  |  |  |  |  |  |  |  |  |
| 10    |          |      |  |  |  |  |  |  |  |  |  |
| 11    |          |      |  |  |  |  |  |  |  |  |  |
| 12    |          |      |  |  |  |  |  |  |  |  |  |
| 13    |          |      |  |  |  |  |  |  |  |  |  |
| 14    |          |      |  |  |  |  |  |  |  |  |  |
| 15    |          |      |  |  |  |  |  |  |  |  |  |
| 16    |          |      |  |  |  |  |  |  |  |  |  |
| 17    |          |      |  |  |  |  |  |  |  |  |  |
| 18    |          |      |  |  |  |  |  |  |  |  |  |
| 19    |          |      |  |  |  |  |  |  |  |  |  |
| 20    |          |      |  |  |  |  |  |  |  |  |  |
| 21    |          |      |  |  |  |  |  |  |  |  |  |
| 22    |          |      |  |  |  |  |  |  |  |  |  |
| 23    |          |      |  |  |  |  |  |  |  |  |  |
| 24    |          |      |  |  |  |  |  |  |  |  |  |
| 25    |          |      |  |  |  |  |  |  |  |  |  |
| 26    |          |      |  |  |  |  |  |  |  |  |  |
| 27    |          |      |  |  |  |  |  |  |  |  |  |
| 28    |          |      |  |  |  |  |  |  |  |  |  |
| 29    |          |      |  |  |  |  |  |  |  |  |  |
| 30    |          |      |  |  |  |  |  |  |  |  |  |
| 31    |          |      |  |  |  |  |  |  |  |  |  |
| 32    |          |      |  |  |  |  |  |  |  |  |  |
| 33    |          |      |  |  |  |  |  |  |  |  |  |
| 34    |          |      |  |  |  |  |  |  |  |  |  |
| 35    |          |      |  |  |  |  |  |  |  |  |  |
| 36    |          |      |  |  |  |  |  |  |  |  |  |
| 37    |          |      |  |  |  |  |  |  |  |  |  |
| 38    |          |      |  |  |  |  |  |  |  |  |  |
| 39    |          |      |  |  |  |  |  |  |  |  |  |
| 40    |          |      |  |  |  |  |  |  |  |  |  |
| 41    |          |      |  |  |  |  |  |  |  |  |  |
| 42    |          |      |  |  |  |  |  |  |  |  |  |
| 43    |          |      |  |  |  |  |  |  |  |  |  |
| 44    |          |      |  |  |  |  |  |  |  |  |  |
| 45    |          |      |  |  |  |  |  |  |  |  |  |
| 46    |          |      |  |  |  |  |  |  |  |  |  |
| 47    |          |      |  |  |  |  |  |  |  |  |  |
| 48    |          |      |  |  |  |  |  |  |  |  |  |
| 49    |          |      |  |  |  |  |  |  |  |  |  |
| 50    |          |      |  |  |  |  |  |  |  |  |  |

| Claim |          | Date |  |  |  |  |  |  |  |  |  |
|-------|----------|------|--|--|--|--|--|--|--|--|--|
| Final | Original | 3/08 |  |  |  |  |  |  |  |  |  |
| 51    |          |      |  |  |  |  |  |  |  |  |  |
| 52    |          |      |  |  |  |  |  |  |  |  |  |
| 53    |          |      |  |  |  |  |  |  |  |  |  |
| 54    |          |      |  |  |  |  |  |  |  |  |  |
| 55    |          |      |  |  |  |  |  |  |  |  |  |
| 56    |          |      |  |  |  |  |  |  |  |  |  |
| 57    |          |      |  |  |  |  |  |  |  |  |  |
| 58    |          |      |  |  |  |  |  |  |  |  |  |
| 59    |          |      |  |  |  |  |  |  |  |  |  |
| 60    |          |      |  |  |  |  |  |  |  |  |  |
| 61    |          |      |  |  |  |  |  |  |  |  |  |
| 62    |          |      |  |  |  |  |  |  |  |  |  |
| 63    |          |      |  |  |  |  |  |  |  |  |  |
| 64    |          |      |  |  |  |  |  |  |  |  |  |
| 65    |          |      |  |  |  |  |  |  |  |  |  |
| 66    |          |      |  |  |  |  |  |  |  |  |  |
| 67    |          |      |  |  |  |  |  |  |  |  |  |
| 68    |          |      |  |  |  |  |  |  |  |  |  |
| 69    |          |      |  |  |  |  |  |  |  |  |  |
| 70    |          |      |  |  |  |  |  |  |  |  |  |
| 71    |          |      |  |  |  |  |  |  |  |  |  |
| 72    |          |      |  |  |  |  |  |  |  |  |  |
| 73    |          |      |  |  |  |  |  |  |  |  |  |
| 74    |          |      |  |  |  |  |  |  |  |  |  |
| 75    |          |      |  |  |  |  |  |  |  |  |  |
| 76    |          |      |  |  |  |  |  |  |  |  |  |
| 77    |          |      |  |  |  |  |  |  |  |  |  |
| 78    |          |      |  |  |  |  |  |  |  |  |  |
| 79    |          |      |  |  |  |  |  |  |  |  |  |
| 80    |          |      |  |  |  |  |  |  |  |  |  |
| 81    |          |      |  |  |  |  |  |  |  |  |  |
| 82    |          |      |  |  |  |  |  |  |  |  |  |
| 83    |          |      |  |  |  |  |  |  |  |  |  |
| 84    |          |      |  |  |  |  |  |  |  |  |  |
| 85    |          |      |  |  |  |  |  |  |  |  |  |
| 86    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 87    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 88    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 89    |          | 0    |  |  |  |  |  |  |  |  |  |
| 90    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 91    |          | 0    |  |  |  |  |  |  |  |  |  |
| 92    |          | 0    |  |  |  |  |  |  |  |  |  |
| 93    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 94    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 95    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 96    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 97    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 98    |          | 0    |  |  |  |  |  |  |  |  |  |
| 99    |          | ✓    |  |  |  |  |  |  |  |  |  |
| 100   |          | 0    |  |  |  |  |  |  |  |  |  |

| Claim |          | Date |  |  |  |  |  |  |  |  |  |
|-------|----------|------|--|--|--|--|--|--|--|--|--|
| Final | Original | 3/08 |  |  |  |  |  |  |  |  |  |
| 101   |          |      |  |  |  |  |  |  |  |  |  |
| 102   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 103   |          | 0    |  |  |  |  |  |  |  |  |  |
| 104   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 105   |          |      |  |  |  |  |  |  |  |  |  |
| 106   |          |      |  |  |  |  |  |  |  |  |  |
| 107   |          |      |  |  |  |  |  |  |  |  |  |
| 108   |          |      |  |  |  |  |  |  |  |  |  |
| 109   |          |      |  |  |  |  |  |  |  |  |  |
| 110   |          |      |  |  |  |  |  |  |  |  |  |
| 111   |          |      |  |  |  |  |  |  |  |  |  |
| 112   |          |      |  |  |  |  |  |  |  |  |  |
| 113   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 114   |          | 0    |  |  |  |  |  |  |  |  |  |
| 115   |          | 0    |  |  |  |  |  |  |  |  |  |
| 116   |          | 0    |  |  |  |  |  |  |  |  |  |
| 117   |          | 0    |  |  |  |  |  |  |  |  |  |
| 118   |          | 0    |  |  |  |  |  |  |  |  |  |
| 119   |          | 0    |  |  |  |  |  |  |  |  |  |
| 120   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 121   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 122   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 123   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 124   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 125   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 126   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 127   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 128   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 129   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 130   |          | 0    |  |  |  |  |  |  |  |  |  |
| 131   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 132   |          | ✓    |  |  |  |  |  |  |  |  |  |
| 133   |          |      |  |  |  |  |  |  |  |  |  |
| 134   |          |      |  |  |  |  |  |  |  |  |  |
| 135   |          |      |  |  |  |  |  |  |  |  |  |
| 136   |          |      |  |  |  |  |  |  |  |  |  |
| 137   |          |      |  |  |  |  |  |  |  |  |  |
| 138   |          |      |  |  |  |  |  |  |  |  |  |
| 139   |          |      |  |  |  |  |  |  |  |  |  |
| 140   |          |      |  |  |  |  |  |  |  |  |  |
| 141   |          |      |  |  |  |  |  |  |  |  |  |
| 142   |          |      |  |  |  |  |  |  |  |  |  |
| 143   |          |      |  |  |  |  |  |  |  |  |  |
| 144   |          |      |  |  |  |  |  |  |  |  |  |
| 145   |          |      |  |  |  |  |  |  |  |  |  |
| 146   |          |      |  |  |  |  |  |  |  |  |  |
| 147   |          |      |  |  |  |  |  |  |  |  |  |
| 148   |          |      |  |  |  |  |  |  |  |  |  |
| 149   |          |      |  |  |  |  |  |  |  |  |  |
| 150   |          |      |  |  |  |  |  |  |  |  |  |

# Index of Claims (continued)



Application/Control No.

10/633,697

Examiner

David Guzo

Applicant(s)/Patent under  
Reexamination

UMANA ET AL.

Art Unit

1636

|   |          |
|---|----------|
| ✓ | Rejected |
| = | Allowed  |

|   |                                |
|---|--------------------------------|
| — | (Through numeral)<br>Cancelled |
| + | Restricted                     |

|   |              |
|---|--------------|
| N | Non-Elected  |
| I | Interference |

|   |          |
|---|----------|
| A | Appeal   |
| O | Objected |

| Claim |          | Date |  |  |  |
|-------|----------|------|--|--|--|
| Final | Original |      |  |  |  |
| 151   | ✓        |      |  |  |  |
| 152   | ✓        |      |  |  |  |
| 153   | ✓        |      |  |  |  |
| 154   | ✓        |      |  |  |  |
| 155   | ✓        |      |  |  |  |
| 156   | ✓        |      |  |  |  |
| 157   | ✓        |      |  |  |  |
| 158   | ✓        |      |  |  |  |
| 159   | ✓        |      |  |  |  |
| 160   | ✓        |      |  |  |  |
| 161   | ✓        |      |  |  |  |
| 162   | ✓        |      |  |  |  |
| 163   | ✓        |      |  |  |  |
| 164   | ✓        |      |  |  |  |
| 165   | ✓        |      |  |  |  |
| 166   | ✓        |      |  |  |  |
| 167   |          |      |  |  |  |
| 168   |          |      |  |  |  |
| 169   |          |      |  |  |  |
| 170   |          |      |  |  |  |
| 171   |          |      |  |  |  |
| 172   |          |      |  |  |  |
| 173   |          |      |  |  |  |
| 174   |          |      |  |  |  |
| 175   |          |      |  |  |  |
| 176   |          |      |  |  |  |
| 177   |          |      |  |  |  |
| 178   |          |      |  |  |  |
| 179   |          |      |  |  |  |
| 180   |          |      |  |  |  |
| 181   |          |      |  |  |  |
| 182   |          |      |  |  |  |
| 183   |          |      |  |  |  |
| 184   |          |      |  |  |  |
| 185   |          |      |  |  |  |
| 186   |          |      |  |  |  |
| 187   |          |      |  |  |  |
| 188   |          |      |  |  |  |
| 189   |          |      |  |  |  |
| 190   |          |      |  |  |  |
| 191   |          |      |  |  |  |
| 192   |          |      |  |  |  |
| 193   |          |      |  |  |  |
| 194   |          |      |  |  |  |
| 195   |          |      |  |  |  |
| 196   |          |      |  |  |  |
| 197   |          |      |  |  |  |
| 198   |          |      |  |  |  |
| 199   |          |      |  |  |  |
| 200   |          |      |  |  |  |

| Claim |          | Date |  |  |  |
|-------|----------|------|--|--|--|
| Final | Original |      |  |  |  |
| 201   |          |      |  |  |  |
| 202   |          |      |  |  |  |
| 203   |          |      |  |  |  |
| 204   |          |      |  |  |  |
| 205   |          |      |  |  |  |
| 206   |          |      |  |  |  |
| 207   |          |      |  |  |  |
| 208   |          |      |  |  |  |
| 209   |          |      |  |  |  |
| 210   |          |      |  |  |  |
| 211   |          |      |  |  |  |
| 212   |          |      |  |  |  |
| 213   |          |      |  |  |  |
| 214   |          |      |  |  |  |
| 215   |          |      |  |  |  |
| 216   |          |      |  |  |  |
| 217   |          |      |  |  |  |
| 218   |          |      |  |  |  |
| 219   |          |      |  |  |  |
| 220   |          |      |  |  |  |
| 221   |          |      |  |  |  |
| 222   |          |      |  |  |  |
| 223   |          |      |  |  |  |
| 224   |          |      |  |  |  |
| 225   |          |      |  |  |  |
| 226   |          |      |  |  |  |
| 227   |          |      |  |  |  |
| 228   |          |      |  |  |  |
| 229   |          |      |  |  |  |
| 230   |          |      |  |  |  |
| 231   |          |      |  |  |  |
| 232   |          |      |  |  |  |
| 233   |          |      |  |  |  |
| 234   |          |      |  |  |  |
| 235   |          |      |  |  |  |
| 236   |          |      |  |  |  |
| 237   |          |      |  |  |  |
| 238   |          |      |  |  |  |
| 239   |          |      |  |  |  |
| 240   |          |      |  |  |  |
| 241   |          |      |  |  |  |
| 242   |          |      |  |  |  |
| 243   |          |      |  |  |  |
| 244   |          |      |  |  |  |
| 245   |          |      |  |  |  |
| 246   |          |      |  |  |  |
| 247   |          |      |  |  |  |
| 248   |          |      |  |  |  |
| 249   |          |      |  |  |  |
| 250   |          |      |  |  |  |

| Claim |          | Date |  |  |  |
|-------|----------|------|--|--|--|
| Final | Original |      |  |  |  |
| 251   |          |      |  |  |  |
| 252   |          |      |  |  |  |
| 253   |          |      |  |  |  |
| 254   |          |      |  |  |  |
| 255   |          |      |  |  |  |
| 256   |          |      |  |  |  |
| 257   |          |      |  |  |  |
| 258   |          |      |  |  |  |
| 259   |          |      |  |  |  |
| 260   |          |      |  |  |  |
| 261   |          |      |  |  |  |
| 262   |          |      |  |  |  |
| 263   |          |      |  |  |  |
| 264   |          |      |  |  |  |
| 265   |          |      |  |  |  |
| 266   |          |      |  |  |  |
| 267   |          |      |  |  |  |
| 268   |          |      |  |  |  |
| 269   |          |      |  |  |  |
| 270   |          |      |  |  |  |
| 271   |          |      |  |  |  |
| 272   |          |      |  |  |  |
| 273   |          |      |  |  |  |
| 274   |          |      |  |  |  |
| 275   |          |      |  |  |  |
| 276   |          |      |  |  |  |
| 277   |          |      |  |  |  |
| 278   |          |      |  |  |  |
| 279   |          |      |  |  |  |
| 280   |          |      |  |  |  |
| 281   |          |      |  |  |  |
| 282   |          |      |  |  |  |
| 283   |          |      |  |  |  |
| 284   |          |      |  |  |  |
| 285   |          |      |  |  |  |
| 286   |          |      |  |  |  |
| 287   |          |      |  |  |  |
| 288   |          |      |  |  |  |
| 289   |          |      |  |  |  |
| 290   |          |      |  |  |  |
| 291   |          |      |  |  |  |
| 292   |          |      |  |  |  |
| 293   |          |      |  |  |  |
| 294   |          |      |  |  |  |
| 295   |          |      |  |  |  |
| 296   |          |      |  |  |  |
| 297   |          |      |  |  |  |
| 298   |          |      |  |  |  |
| 299   |          |      |  |  |  |
| 300   |          |      |  |  |  |